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APPLICANT: Wayne G. Sainty

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FILED:January 18, 2001

EXAMINER:

FOR:Ion Sources

ATT'Y DOCKET:HAC-026

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited on this day with the United States Postal Service as first class mail in an envelope addressed to : Commissioner of Patents and Trademarks, Wasington, D.C. 20231.

*David P. Gordon*

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Reg. No. 29,996

*June 13, 2001*  
Date

Sir:

SUBMITTAL OF DOCUMENTS PURSUANT TO DUTY OF DISCLOSURE

Pursuant to applicant's duty of disclosure under 37 CFR Section 1.56, enclosed is a completed form PTO-1449 as well as copies of the cited documents which relate to the above-referenced patent application. Since this document submittal is being presented prior to the first examination on the merits, no fee is due herewith.

US Patent No. 4,135,094 to Hull discloses a method and apparatus for rejuvenating ion sources.

US Patent No. 4,760,262 to Sampayan et al. discloses an ion source.

US Patent No. 4,862,032 to Kaufman et al. discloses an end-hallion source.

UK Patent Application GB 2 295 268 A discloses an ion generation device for ion implantation.

EPO Publication No. 0 249 658 A2 discloses an ion source device.

The listed documents are brought to the Examiner's attention because they are known to the applicant and/or the applicant's

attorney and may be considered by the Examiner to be material to his/her examination. This listing should not be construed as representation that a search has been made or that no better art exists. No inference should be made that the documents are in fact material merely because they are referenced herein. Moreover, no representation is made that the brief descriptions of the references herein necessarily describe the most material aspects of the references. Further, by this listing, the applicant is not making any admission regarding the relative dates of the invention and listed disclosures.

Respectfully submitted,



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